



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|------------------------------|
| Series | C44U-T |
| Dielectric | Metallized Polypropylene |
| Style | Can |
| Features | DC Filtering, Energy Storage |
| RoHS | With Exemptions |
| Lead | Screw Terminals M6 |
| Typical Component Weight | 880 g |
| Miscellaneous | Thermal Resistance = 71C/W. |

Dimensions

| | |
|----|---------------|
| D | 85mm +2mm |
| L | 99.5mm +/-2mm |
| L1 | 101mm +/-2mm |
| S | 32mm +/-0.3mm |
| D1 | 88mm +0.5mm |

Packaging Specifications

| | |
|--------------------|---------------|
| Terminal Type | Bolt - M12x16 |
| Packaging | Bulk, Bag |
| Packaging Quantity | 5 |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 90 uF |
| Tolerance | 10% |
| Voltage DC | 1800 VDC |
| Temperature Range | -40/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 2.8 GOhms |
| Max dV/dt | 19 V/us |
| ESR | 2.8 mOhms |
| Ripple Current | 38 Amps (10kHz 55C), 1740 Amps (Peak) |
| Inductance | 50 nH |

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